

CLAIMS

What is claimed is:

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1 1. A system for operation of a remotely located device comprising, in combination:
2 receiver means for receiving paging messages, said receiver means being
3 co-located with said remotely located device;
4 means for comparing the contents of received ones of said paging messages
5 to a set of allowed commands; and
6 means for sending a specific command to said remotely located device, said
7 specific command being determined based on a match found between said received paging
8 message contents and one of said allowed commands.

1 2. The system of claim 1, further comprising buffer means for receiving said
2 paging message from said receiver means.

1 3. The system of claim 1, wherein said means for sending further comprises
2 command generation means for constructing said specific command to be forwarded to said
3 remotely located device.

1 4. The system of claim 2, wherein said means for sending further comprises
2 command generation means for constructing said specific command to be forwarded to said
3 remotely located device.

1 5. The system of claim 1, wherein said specific command is a trigger signal.

1 6. The system of claim 4, wherein said specific command is a trigger signal.

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1 7. The system of claim 1, wherein said specific command is a command string.

1 8. The system of claim 4, wherein said specific command is a command string.

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2 Ale 9. The system of claim 1, wherein said message contents includes more than one
2 of said allowed commands.

1 10. The system of claim 4, wherein said message contents includes more than one
2 of said allowed commands.

1 11. The system of claim 1, further comprising response means for sending a
2 response paging message.

1 12. The system of claim 11, further comprising buffer means for receiving said
2 paging message from said receiver means.

1 13. The system of claim 11, wherein said means for sending further comprises
2 command generation means for constructing said specific command to be forwarded to said
3 remotely located device.

1 14. The system of claim 12, wherein said means for sending further comprises
2 command generation means for constructing said specific command to be forwarded to said
3 remotely located device.

1 15. The system of claim 11, wherein said specific command is a trigger signal.

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1 16. The system of claim 14, wherein said specific command is a trigger signal.

1 17. The system of claim 11, wherein said specific command is a command string.

1 18. The system of claim 14, wherein said specific command is a command string.

1 19. The system of claim 11, wherein said message contents includes more than one
2 of said allowed commands.

1 20. The system of claim 14, wherein said message contents includes more than one
2 of said allowed commands.

1 21. The system of claim 11, wherein said response means includes a response
2 generator means for creating said paging response message.

1 22. The system of claim 21, wherein said means for creating said paging response
2 message includes sensing means for determining the state of said remotely located device.

1 23. The system of claim 21, wherein said means for creating said paging response
2 message includes response receiving means for a response message from said remotely
3 located device.

1 24. The system of claim 11, wherein said response paging message includes a
2 security challenge message.

1 25. The system of claim 11, wherein said response paging message includes an
2 indication of the success or failure of the execution of at least one of said specific
3 commands.

1 26. The system of claim 11, wherein said response paging message includes an
2 indication of the status of said remotely located device.

1 27. The system of claim 11, wherein said response paging message includes data
2 collected by or from said remotely located device.

3 28. A method for operation of a remotely located device comprising, in
4 combination, the steps of:

5 receiving at least one paging message on a receiver means co-located with
6 said remotely located device;

7 comparing the contents of a received one of said at least one paging message
8 to a set of allowed commands; and

9 sending a specific command to said remotely located device, said specific
10 command being determined based on a match found between said received paging message
11 contents and one of said allowed commands.

1 29. The method of claim 28, further comprising the step of buffering said received
2 paging message as it arrives.

1 30. The method of claim 28, further comprising the step of formulating said
2 specific command from the result produced by the step of comparing.

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1 31. The method of claim 29, further comprising the step of constructing said
2 specific command from the result produced by the step of comparing.

1 32. The method of claim 28, wherein said specific command is a trigger signal.

1 33. The method of claim 31, wherein said specific command is a trigger signal.

1 34. The method of claim 28, wherein said specific command is a command string.

1 35. The method of claim 31, wherein said specific command is a command string.

1 36. The method of claim 28, wherein said message contents includes more than
2 one of said allowed commands and further including the step of performing said steps of
3 comparing and sending until all of said allowed commands matched by said message
4 contents have been sent.

1 37. The method of claim 31, wherein said message contents includes more than
2 one of said allowed commands and further including the step of performing said steps of
3 comparing and sending until all of said allowed commands matched by said message
4 contents have been sent.

1 38. The method of claim 28, further comprising the step of sending a response
2 paging message.

1 39. The method of claim 38, further comprising the step of buffering said received
2 paging message as it arrives.

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1 40. The method of claim 38, further comprising the step of formulating said
2 specific command from the result produced by the step of comparing.

1 41. The method of claim 39, further comprising the step of constructing said
2 specific command from the result produced by the step of comparing.

1 42. The method of claim 38, wherein said specific command is a trigger signal.

1 43. The method of claim 41, wherein said specific command is a trigger signal.

1 44. The method of claim 38, wherein said specific command is a command string.

1 45. The method of claim 41, wherein said specific command is a command string.

1 46. The method of claim 38, wherein said message contents includes more than
2 one of said allowed commands and further including the step of performing said steps of
3 comparing and sending until all of said allowed commands matched by said message
4 contents have been sent.

1 47. The method of claim 41, wherein said message contents includes more than
2 one of said allowed commands and further including the step of performing said steps of
3 comparing and sending until all of said allowed commands matched by said message
4 contents have been sent.

1 48. The method of claim 38, wherein said step of sending a response paging
2 method further includes the step of creating said paging response message.

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1 49. The method of claim 48, wherein said step of creating said paging response
2 message includes the step of sensing the state of said remotely located device.

1 50. The method of claim 48, wherein said step of creating said paging response
2 message includes the step of receiving a response message from said remotely located
3 device.

1 51. The method of claim 38, wherein said response paging message includes a
2 security challenge message.

1 52. The method of claim 38, wherein said response paging message includes an
2 indication of the success or failure of the execution of at least one of said specific
3 commands.

1 53. The method of claim 38, wherein said response paging message includes an
2 indication of the status of said remotely located device.

1 54. The method of claim 38, wherein said response paging message includes data
2 collected by or from said remotely located device.

1 55. A system for operating a remotely located device, the remotely located device
2 including a sensor and a control, the system comprising
3 a transceiver for receiving and transmitting paging messages, the transceiver being
4 collocated with the remotely located device;
5 a comparator for comparing the contents of received components of a received
6 paging message to a set of allowed components;

